

## ABSTRACT

A method and assembly for molding golf balls is disclosed herein. The invention includes an injection mold assembly (20) with a first mold half (22a) having a plurality of cavities and at least one locating pin (92) and a second mold half (22b) having a plurality of cavities and at least one aperture for engagement with at least one bushing (94) and a spring (250) for exerting a lateral force against the second mold half (22b). Preferably, the locating pin has a first taper section (93) and a second taper section (95). Preferably, the bushing (84) has a first cavity (115) and a second cavity (117).